

Abstract

A metal bellow tube has sectional shapes of a ridge and a valley in a bellows-shaped tube wall of a metal bellows tube that are made to be V-shaped. As a result, a metal bellows tube with significantly improved bending fatigue resistance compared to conventional ones is provided. In addition, by this metal bellows tube and a tubular metal braid covering the outside of the tube, a flexible tube for a high-pressure fluid can be constituted. Consequently, a high-pressure fluid exceeding 20 MPa, particularly even a superhigh-pressure fluid of 70 MPa, can be transferred safely without transmitting the molecules of the fluid.